To the Claims:

1. (currently amended)A method of expanding an redundant array of independent disks (RAID), wherein the RAID comprises M number of storage devices, and each of the storage devices comprises N number of storage blocks, wherein M is two or more positive integer number and N is a positive integer, which are defined as:

$D_{I,J}$: the J^{th} data block of the I^{th} storage device;

$P_{I,J}$: the J^{th} data block of the I^{th} storage device, being a parity data block;

wherein, I is a positive integer of 1 ~ M, J is a positive integer of 1 ~ N, and the arrangement order of the ~~storage devices~~ parity block is: if $D_{I,J\ X,Y} = P_{I,J\ X,Y}$, then $D_{I-1,J+1\ X-1,Y+1} = P_{I-1,J+1\ X-1,Y+1}$, wherein X-1 is an integer in the range of 1~M, and Y+1 is an integer in the range of 1~N, the method comprising:

providing an expansive storage device;

disposing the expansive storage device in front of the 1st storage devices, wherein the ~~¥~~ J th data block of the expansive storage device is represented as $D_{0,¥\ J}$; and

sequentially moving the $D_{I,J}$ data blocks except $P_{I,J}$, wherein I is an integer of 0 ~ M, ~~¥~~ J is a positive integer of 1 ~ N, and if $D_{X,Y} = P_{X,Y}$, then $D_{X-1,Y+1} = P_{X-1,Y+1}$, ~~and wherein X is a positive integer of 0 ~ M~~ when X-1 is an integer in the range of 0~M, and Y+1 is an integer in the range of 1~N.

2. (original)The method of expanding RAID of claim 1, wherein the step of sequentially moving $D_{I,J}$ further comprises sequentially moving $D_{I,J}$ in an ascending order based on the sequence of an I value.

3. (original)The method of expanding RAID of claim 1, wherein the step of sequentially moving $D_{I,J}$ further comprises sequentially moving $D_{I,J}$ in an ascending order based on the sequence of a J value.

4. (currently amended)A method of expanding an redundant array of independent disks (RAID), wherein the RAID comprises M number of storage devices, and each of the storage devices comprises N number of storage blocks, wherein M is two or more positive integer number and N is a positive integer, which are defined as:

$D_{I,J}$: the J^{th} data block of the I^{th} storage device;

$P_{I,J}$: the J^{th} data block of the I^{th} storage device, being a parity data block;

wherein, I is a positive integer of 1 ~ M, J is a positive integer of 1 ~ N, and a same J^{th} data block in the storage devices comprises at least a parity data block, the method comprising:

providing an expansive storage device;

disposing the expansive storage device in front of the 1^{st} storage devices, and the Y^{th} data block of the expansive storage device is represented as $D_{0,Y}$; and

sequentially moving the $D_{I,J}$ data blocks except $P_{I,J}$, wherein Y is a positive integer of 1 ~ N, and the positions of the parity data block of the same J^{th} data block in the storage devices are the same.

5. (original)The method of expanding RAID of claim 4, wherein the step of sequentially moving $D_{I,J}$ further comprises sequentially moving $D_{I,J}$ in an ascending order based on the sequence of an I value.

6. (original)The method of expanding RAID of claim 4, wherein the step of sequentially moving $D_{I,J}$ further comprises sequentially moving $D_{I,J}$ in an ascending order based on the sequence of a J value.